

**IN THE CLAIMS:**

Please cancel Claims 3, 12-17, and 20 without prejudice.

Please amend Claims 2, 4, 6-9, 11, and 18 as follow:

2. The method of Claim 1, wherein:

5      a) said administering is by inhalation of H<sub>2</sub>O<sub>2</sub>; or  
      b) said administering is a formulation which produces H<sub>2</sub>O<sub>2</sub> in said respiratory system.

10     4. The method of Claim 1, wherein said lung condition comprises infection with:

10     a) bacteria;  
      b) fungus; or  
      c) virus.

15     5. The method of Claim 1, said method further comprising administering:

15     a) a peroxidase; and/or  
      b) H<sub>2</sub>O<sub>2</sub>.

20     6. The method of Claim 1, wherein said administering is in combination with a treatment for a lung condition, a lung infection, or cystic fibrosis.

20     7. The method of Claim 6, wherein said treatment comprises[ administering an]:

20     a) administering an antibiotic, anti-fungal, or anti-viral;  
      b) administering a depolymerase; or  
      c) an airway clearance technique or physical therapy.

25     8. The method of Claim 7, wherein:

25     a) said depolymerase is a DNase; or  
      b) said treatment comprises one or more of a breathing exercise, postural drainage, chest percussion, vibration, or assisted coughing.

30     9. The method of Claim 1, wherein said H<sub>2</sub>O<sub>2</sub> is:

30     a) at a concentration between 10<sup>-7</sup> M and 10<sup>-4</sup> M in the lung fluid; or  
      b) [is] administered between once in a week to hourly.

35     11. The method of Claim 10, wherein said mammal is a primate and said administering is:

35     a) by inhalation;  
      b) a formulation which produces H<sub>2</sub>O<sub>2</sub> in said respiratory system; or  
      c) in combination with a peroxidase or thiocyanate.

40     18. The method of Claim 10, wherein said H<sub>2</sub>O<sub>2</sub> is:

40     a) at a concentration between 10<sup>-7</sup> M and 10<sup>-4</sup> M in the lung fluid; or  
      b) [is] administered between once a week to hourly.

Please add new Claims 21-28 as follow:

21. The method of Claim 4, wherein said bacteria comprises Staphylococcus aureus, Pseudomonas aeruginosa, or Burkholderia cepacia.
22. The method of Claim 11, wherein:
  - a) said lung infection comprises bacteria;
  - b) said administering is in combination with an additional treatment for cystic fibrosis;
  - c) said administering is in combination with administering a depolymerase;
  - d) said administering is in combination with an airway clearance technique or physical therapy; or
  - e) said administering is in combination with at least one of a breathing exercise, postural drainage, chest percussion, vibration, or assisted coughing.
23. The method of Claim 11, wherein:
  - a) said administering is in combination with administering thiocyanate;
  - b) said administering is in combination with administering an antibiotic; or
  - c) said treating prevents or decreases progression of said lung infection.
24. The method of Claim 10, wherein:
  - a) said lung infection comprises bacteria, fungus, or virus; or
  - b) said administering is in combination with an additional treatment for a lung condition, lung infection, or cystic fibrosis.
25. The method of Claim 24, wherein:
  - a) said bacteria comprises Staphylococcus aureus, Pseudomonas aeruginosa, or Burkholderia cepacia; or
  - b) said administering is in combination with thiocyanate.
26. The method of Claim 10, wherein said treating prevents or decreases progression of said lung infection.
27. The inhaler of Claim 19, which:
  - a) administers an amount of hydrogen peroxide to the respiratory system of a mammal effective to decrease microbial load;
  - b) administers hydrogen peroxide in an amount between  $10^{-7}$  M and  $10^{-4}$  M in the lung fluid; or
  - c) further comprises an antibiotic, an anti-fungal, or an anti-viral.
28. The inhaler of Claim 19, comprising
  - a) hydrogen peroxide;
  - b) thiocyanate; or
  - c) hydrogen peroxide and thiocyanate.